

generated January 2026

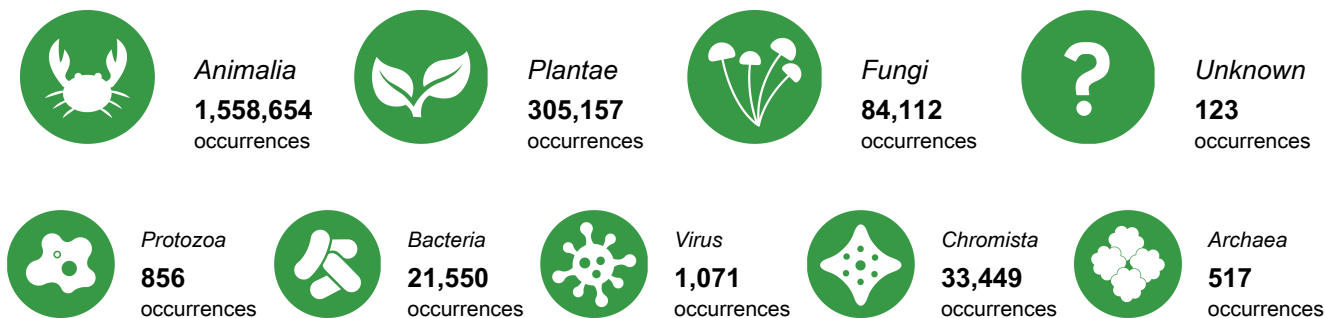
Morocco

This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in Morocco. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

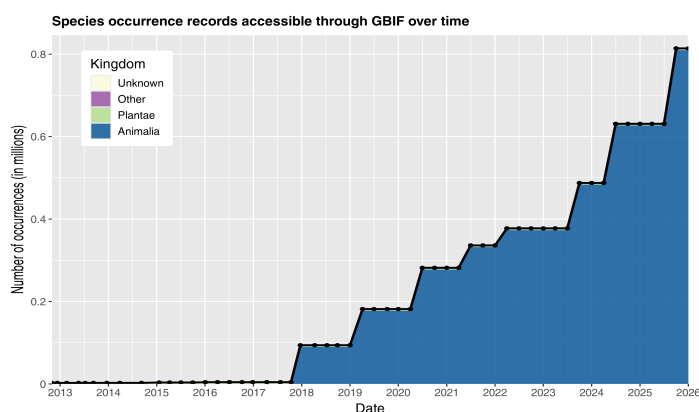
► Access and usage



► Data availability in Morocco



► Data mobilization

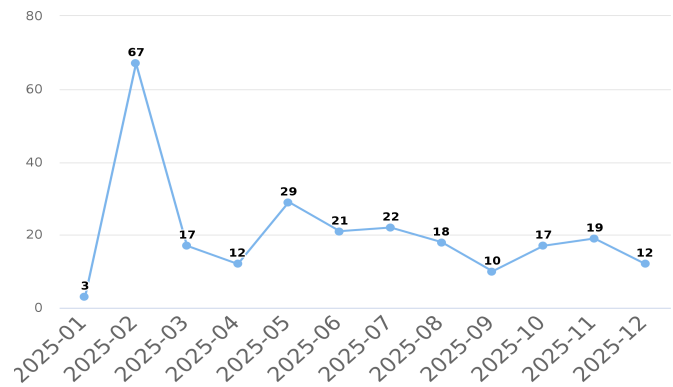
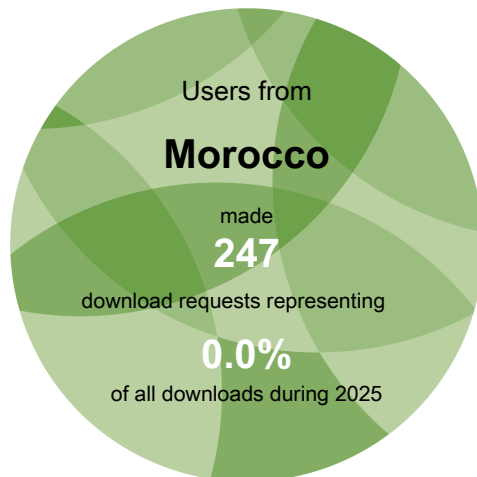


Number of records published by institutions in Morocco, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Morocco



Monthly downloads requested by users in Morocco

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Morocco

The GBIF Secretariat maintains and reports on an ongoing literature tracking programme, giving priority to substantive uses of GBIF-mediated data in peer-reviewed literature while identifying the countries or areas of the authors' institutional affiliations. The citations below represent the five most recent journal articles with at least one co-author from Morocco.

Those interested in assisting the Secretariat in identifying additional peer-reviewed uses of GBIF-mediated data may forward relevant citations to comms@gbif.org.

Cherif, Idri. (2025) Single and Ensemble Based Filters in Environmental Data. *Expert Systems*.
<https://doi.org/10.1111/exsy.70076>

Graoui, Ghanem, Amri *et al.* (2025) A distance-based framework for assessing the ex-situ conservation status of plants. *PLOS One*.
<https://doi.org/10.1371/journal.pone.0324820>

Cherif, Idri. (2025) Dimensionality Reduction in Environmental Data. *Knowledge Discovery, Knowledge Engineering and Knowledge Management*.
https://doi.org/10.1007/978-3-031-87569-4_4

Ramzan, Sial, Khan *et al.* (2025) Assessing the Potential Global Distribution of *Monolepta* spp. (Coleoptera: Chrysomelidae) using the MaxEnt Model. *Pakistan Journal of Agricultural Sciences*.
<https://doi.org/10.21162/pakjas/25.14>

Adiba, Fallah, Mahmood *et al.* (2025) Assessing climatic and genotypic suitability for Moroccan pomegranate cultivation: a modeling approach and empirical validation. *Euro-Mediterranean Journal for Environmental Integration*.
<https://doi.org/10.1007/s41207-025-00763-9>

See all research from this country or area
gbif.org/country/MA/publications/from



Data availability

Total data available for selected taxonomic groups in Morocco



Mammals
19,238
occurrences



Birds
1,344,836
occurrences



Bony fish
9,831
occurrences



Amphibians
10,051
occurrences



Insects
94,543
occurrences



Reptiles
19,565
occurrences



Molluscs
19,802
occurrences



Arachnids
6,026
occurrences



Flowering plants
287,491
occurrences



Ferns
3,135
occurrences



Gymnosperms
3,283
occurrences



Mosses
4,097
occurrences



Sac fungi
39,816
occurrences



Basidiomycota
40,899
occurrences

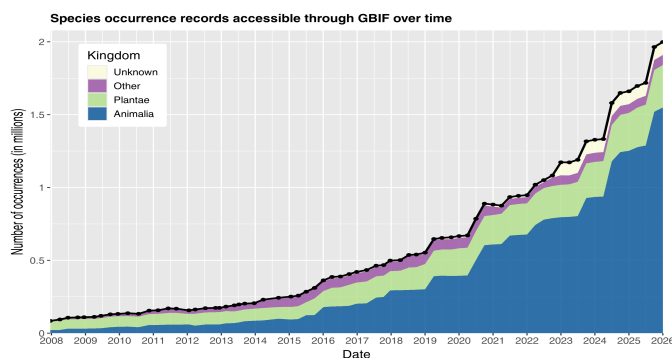
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

Insects = Class *Insecta*
Reptiles = Class *Testudines*,
Sphenodontia, *Squamata* &
Crocodylia
Molluscs = Phylum *Mollusca*

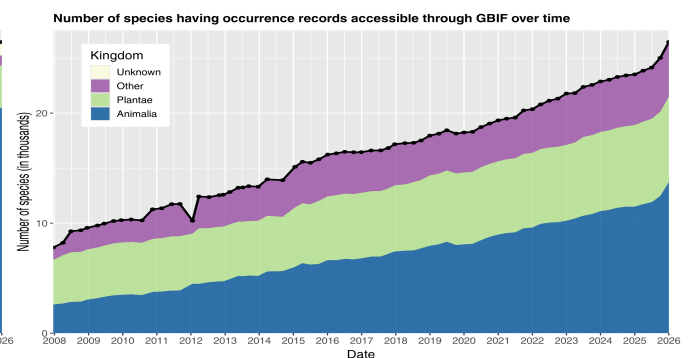
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

Ferns = Phylum *Pteridophyta*
Mosses = Phylum *Bryophyta*
Sac fungi = Phylum *Ascomycota*
Basidiomycota = Phylum
Basidiomycota

Change over time in records about biodiversity in Morocco



Occurrence records available about species occurring in Morocco



Species for which at least one occurrence record is available in Morocco

WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?

Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Most recent datasets from publishers in Morocco

Herbarium specimens of Institut Scientifique Mohamed V university (RAB). *Published by Institut Scientifique, Mohamed V University*
<https://doi.org/10.15468/48pwft>

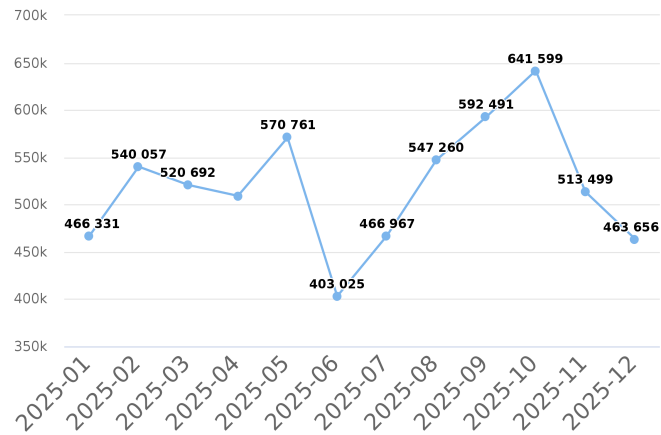
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=MA

Newest publishers from Morocco

Institut Scientifique, Mohamed V University

See all publishers from this country or area
gbif.org/publisher/search?country=MA

Occurrence records downloaded from GBIF.org, published by institutions in Morocco

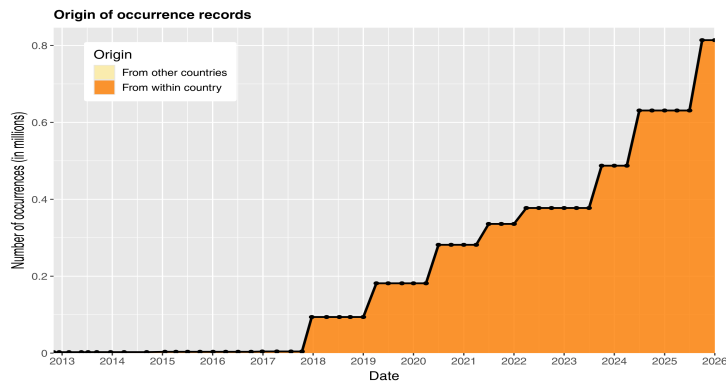


Number of occurrence records downloaded via GBIF.org published by institutions in Morocco

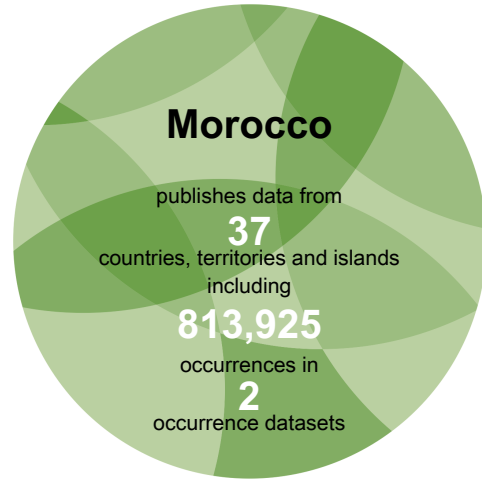


Data mobilization

Data sharing with country or area of origin by national institutions in Morocco



Data sharing with country or area of origin



The chart above shows the number of records shared over time by publishers within Morocco, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in Morocco

Rank	Country or area	No. of occurrences
1	Morocco	813,304
2	Belgium	320,584
3	Netherlands	213,154
4	Spain	159,204
5	United States of America	133,611
6	Estonia	97,718
7	United Kingdom	61,714
8	France	52,273
9	Germany	43,992
10	Sweden	27,816

Table 1. Ranking of countries or areas contributing data about Morocco

Top datasets contributing data about Morocco

EOD – eBird Observation Dataset. *809,592 occurrences in Morocco.* (Last updated 29 Oct 2025)

Observation.org, Nature data from around the World. *191,941 occurrences in Morocco.* (Last updated 16 Dec 2025)

DELTATRACK - Herring gulls (*Larus argentatus*, Laridae) and lesser black-backed gulls (*Larus fuscus*, Laridae) breeding at Neeltje Jans (Netherlands). *133,261 occurrences in Morocco.* (Last updated 16 Dec 2025)

LBBG_ZEEBRUGGE - Lesser black-backed gulls (*Larus fuscus*, Laridae) breeding at the southern North Sea coast (Belgium and the Netherlands). *116,487 occurrences in Morocco.* (Last updated 16 Dec 2025)

Global soil organisms. *79,672 occurrences in Morocco.* (Last updated 27 Feb 2023)

See all contributing countries and areas or datasets: gbif.org/country/MA/about